

# Natural Resources

Geography

Year 5/6

Lesson 5 of 7

Learning Objective		Resources	
To know where and how steel is produced.	Slides	Atlases	
	Worksheets 5A/5B/5C/5D	Natural Resources Quiz 5	
	Steel Resource Pack A/B (FSD? activity only)	Natural Resources Answers 5	
Teaching Input			
<ul style="list-style-type: none"><li>• Show the first slide with a variety of products made using metal. What are these products made from? Where do you think the materials used to make them came from? Allow some time for children to think, pair, share their ideas. Explain that steel is an important material used in the products shown.</li><li>• Britain imported over six million tonnes of steel in 2011. Where might it have come from? The next few slides explain one of the many ways steel is produced and imported.</li><li>• What a lot of information! Challenge children to correctly order the short statements about the process of ore extraction, refining and shipping they have just seen. Following this, show the slide with the statements linked in the correct order.</li></ul>			
Main Activity			
Use the Natural Resources Quiz 5 slides to play 'If this is the answer, what is the question?' The answers shown refer to steel production, distribution and uses. Optionally, print these answers as a handout or get children to make a note of them. For each answer shown, children are to select or write appropriate corresponding questions. At the end of the quiz, you may wish to refer to Natural Resources Answers 5 when scoring.			
<u>Lower ability:</u>  Worksheet 5A shows a set of questions which, when correctly ordered, correspond to the answers shown on Natural Resources Quiz 5. Children are to correctly number the questions so that they match the answers.	<u>Middle ability:</u>  Provide Worksheet 5B and Steel Resource Pack B. There are multiple correct questions for some of the answers. Children are to correctly number the questions so that they match the answers, referring to the information on Steel Resource Pack to help them.	<u>Higher ability:</u>  Provide Worksheet 5C and Steel Resource Pack B. Using the resource pack to help them, children are to write as many appropriate questions for each of the answers shown on the quiz slides as they can think of.	
Fancy something different...?			
<ul style="list-style-type: none"><li>• Children to work in mixed ability pairs or small groups. Provide Worksheet 5D, the Steel Resource Pack, atlases or digital mapping software/websites and, optionally, the slides . They are to produce a poster about steel production, import/export and uses. The last three suggestions for elements to include in their design are more challenging.</li></ul>			
Plenary		Assessment Questions	
Show the Plenary slide. Did you know that only some of our steel waste is recycled in Britain? Lots of it is exported to other countries to be recycled. Why do you think this is? Allow some time for children to think, pair, share their ideas. The last Plenary slide suggests some reasons.		<ul style="list-style-type: none"><li>• Can children explain how iron ore is extracted to produce steel?</li><li>• Can children describe the process of steel production, from ore extraction to its final uses?</li><li>• Can children use a variety of methods to present their findings about the ways a natural resource is used and traded?</li></ul>	